12-13-2018

Funding Opportunities Specifically for Early Career UNH Investigators: Science, Technology, Engineering, and Math (STEM) – Federal Agencies -- 12.13.18

Lynnette Hentges
University of New Hampshire - Main Campus, lynnette.hentges@unh.edu

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Funding Opportunities Specifically for Early Career UNH Investigators: Science, Technology, Engineering, and Math (STEM) – Federal Agencies -- 12.13.18

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<th>SPONSOR/PROGRAM NAME</th>
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<tr>
<td>National Institute on Disability, Independent Living, and Rehabilitation Research</td>
<td>Applicants must have a full-time appointment at the applicant institution, be highly qualified individuals, and have a research doctoral degree.</td>
<td>Up to $100,000 per year</td>
<td><a href="https://grants.nih.gov/grants/guide/Notice-files/PAR-18-799.html">https://www.grants.gov/web/grants/ NIOSH Mentored Research Scientist Development Award (K01)</a></td>
<td>11/2/2018</td>
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<tr>
<td>National Institute for Occupational Safety and Health (NIOSH)</td>
<td>NIOSH supports research that is relevant, of high quality, and that demonstrates impact in reducing occupational disease and injury.</td>
<td>Direct costs of up to $100,000 per year for 1-3 years</td>
<td><a href="https://grants.nih.gov/grants/guide/Notice-files/PAR-18-799.html">https://grants.nih.gov/grants/guide/Notice-files/PAR-18-799.html</a></td>
<td>5/24/2018</td>
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<tr>
<td>Agency for Healthcare Research and Quality (AHRQ)</td>
<td>Applications must be responsive to AHRQ's mission, which is to produce evidence to make health care safer, higher quality, more accessible, equitable and affordable, and to work within HHS and with other partners to make sure that the evidence is understood and used.</td>
<td>Up to $50,000 per year toward the salary of the recipient</td>
<td><a href="https://grants.nih.gov/grants/guide/Notice-files/PA-16-223.html">https://grants.nih.gov/grants/guide/Notice-files/PA-16-223.html</a></td>
<td>5/5/2016</td>
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**AWARD DURATION & AMOUNT**
- **NIOSH Mentored Research Scientist Development Award (K01):** Up to $100,000 per year for 1-3 years.
- **AHRQ Mentored Research Scientist Development Award:** Up to $25,000 per year toward the development costs of recipient.
- **NIOSH Mentored Research Scientist Development Award:** Up to $25,000 per year toward the development costs of recipient.

**RELEVANT WEBSITES**
- [https://www.grants.gov/web/grants/](https://grants.gov/web/grants/)
- [https://www.niaid.nih.gov/funding/grants/
](https://www.niaid.nih.gov/funding/grants/)
- [https://grants.nih.gov/grants/guide/](https://grants.nih.gov/grants/guide/)
- [https://www.ahrq.gov/funding/traini](https://www.ahrq.gov/funding/traini)

**RELEASE DATE**
- 12/11/2018
- 5/5/2016
- 5/24/2018
- 11/2/2018
- 12/12/2018

**ELIGIBILITY CRITERIA**
- Applicants must have a full-time appointment at the applicant institution, be highly qualified individuals, and have a research doctoral degree.
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- Applicants must have a full-time appointment at the applicant institution, be highly qualified individuals, and have a research doctoral degree.

**Funding Opportunities Specifically for Early Career UNH Investigators**

- [https://www.niaid.nih.gov/funding/grants/](https://www.niaid.nih.gov/funding/grants/)
- [https://www.ahrq.gov/funding/traini](https://www.ahrq.gov/funding/traini)
- [https://www.grants.gov/web/grants/](https://grants.gov/web/grants/)

**APPLICATION DEADLINES**
- Nov 18, 2019
- Nov 12, 2019
- Nov 12, 2019
- Jan 15, 2019
- Feb 11, 2019

**PROJECTED FUNDING AVAILABILITY**
- Jan 15, 2020
- Feb 11, 2019
- Nov 12, 2019
- Nov 12, 2019
- Nov 12, 2019

**PROGRAM ANNOUNCEMENT**

**AWARD DURATION & AMOUNT**
- **NIOSH Mentored Research Scientist Development Award (K01):** Up to $100,000 per year for 1-3 years.
- **AHRQ Mentored Research Scientist Development Award:** Up to $25,000 per year toward the development costs of recipient.
- **NIOSH Mentored Research Scientist Development Award:** Up to $25,000 per year toward the development costs of recipient.

**RELEVANT WEBSITES**
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- [https://www.ahrq.gov/funding/traini](https://www.ahrq.gov/funding/traini)
- [https://www.grants.gov/web/grants/](https://grants.gov/web/grants/)

**APPLICATION DEADLINES**
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**PROGRAM ANNOUNCEMENT**
### Funding Opportunities Specifically for Early Career UNH Investigators

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<tr>
<td>Dept. of Agriculture (USDA)</td>
<td>National Institute of Food and Agriculture (NIFA)</td>
<td>Agriculture and Food Research Initiative (AFRI) Foundational and Applied Science Program - Food and Agricultural Science Enhancement (EASE) Grants - New Investigator Grants</td>
<td>Research, education and/or extension projects addressing topics in agriculture, life sciences, and rural economics; No funding set-aside, but acts as a mechanism to support new investigators below the usual program funding cut-off line</td>
<td>Institution must be USDA EPSCoR-eligible; Less than 5 years of postgraduate, career-track experience*; Has not received competitive Federal research funds beyond pre- or postdoctoral grants or AFRI seed grants; Post-doc appointments are not considered “career-track”; Must check box on form to indicate eligibility</td>
<td>Project amount and duration as indicated for program in AFRI RFA</td>
<td><a href="http://nifa.usda.gov/resources/afri-free-apron-program">http://nifa.usda.gov/resources/afri-free-apron-program</a></td>
<td>n/a</td>
<td><a href="https://nifa.usda.gov/funding-opportunity/food-and-agriculture-research-initiative-foundational-applied-science-program">https://nifa.usda.gov/funding-opportunity/food-and-agriculture-research-initiative-foundational-applied-science-program</a></td>
<td>1/4</td>
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<tr>
<td>Dept. of Defense (DOD)</td>
<td>Air Force Office of Scientific Research (AFOSR)</td>
<td>Young Investigator Research Program</td>
<td>Basic research areas of current interest as detailed in the current AFOSR BAA; Specific topics lie within the areas of: Engineering and Complex Systems; Information and Networks; Physical Sciences; Chemistry and Biological Sciences; Other Innovative Research Concepts</td>
<td>U.S. citizen, national, or permanent resident by 01 Oct 2018; Received a Ph.D. or equivalent degree on 1 April 2012 or later; Employed full-time in a permanent, career-competitive, or tenure-track position by an U.S. institution of higher education, industrial laboratory, or non-profit research organization; PIs with early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organizations.</td>
<td>Up to $150,000/yr for 3 years</td>
<td><a href="http://www.wpafb.af.mil/Welcome/FactSheets/Display/Article/842100/#anchor2">http://www.wpafb.af.mil/Welcome/FactSheets/Display/Article/842100/#anchor2</a></td>
<td>Jun 1, 2018</td>
<td><a href="https://www.grants.gov/web/grants/search-grants.html?keywords=FA9550-18-S-0002">https://www.grants.gov/web/grants/search-grants.html?keywords=FA9550-18-S-0002</a></td>
<td>3/8/2018</td>
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<tr>
<td>Dept. of Defense (DOD)</td>
<td>Army Research Office (ARO)</td>
<td>Young Investigator Program; See pp.66-68 of ARO Broad Agency Announcement (BAA) for Basic and Applied Scientific Research for Fiscal Years 2017 through 2022 (W9095017-17-E-0002)</td>
<td>Research in: Materials sciences; Ballistics and aeronautics sciences; Information sciences; Human sciences; Survivability, lethality, and vulnerability analysis and assessment; Chemistry; Electronics; Physics; Environmental sciences; Life sciences; Mechanical sciences; Mathematical sciences; Computing sciences and network sciences</td>
<td>U.S. citizen, U.S. national, or permanent resident alien; Tenure-track position at U.S. university or college; Held Ph.D. or equivalent for fewer than 5 years at the time of application; Eligibility of PIs with early career awards from other agencies or entities is not addressed in FOA.</td>
<td>Up to $120,000/yr for 3 years</td>
<td><a href="http://www.arl.army.mil/www/page/A9/W911NF-17-S-0002.pdf">http://www.arl.army.mil/www/page/A9/W911NF-17-S-0002.pdf</a></td>
<td>Ongoing</td>
<td>BAA expires Mar 31, 2022</td>
<td>4/1/2017</td>
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</table>
### Dept. of Defense (DOD) - Young Faculty Award

**Program Name:** Defense Science and Engineering (DSSG) Study Group (DSSG)
**SPONSOR SUBUNIT:** Defense Advanced Research Projects Agency (DARPA)

**Eligibility and Requirements:**
- U.S. Citizen, U.S. Permanent Residents, and Foreign Nationals who meet these eligibility criteria by the full proposal deadline:
  - Current tenure-track assistant or associate professors OR
  - Current tenured faculty within 5 years of their tenure date OR
  - Equivalent at a non-profit research institution within 12 years of the receipt of their Ph.D.
- U.S. citizen able to acquire a security clearance
- Employed at a U.S. Institution
- Not previously a YFA recipient or former DARPA program manager
- Non-U.S. individuals may participate to the extent that such participants comply with any necessary nondisclosure agreements, security regulations, export control laws, and other governing statutes applicable under the circumstances.

**Award Duration & Amount:**
- **Base Period:** Up to $250,000/yr for 2 years + Option Period: Up to $50,000/yr for 1 additional year
- **Total Award:** Up to $500,000 for 3 years

**Deadline:**
- **Proposal (1 per PI):** Nov 13, 2018
- **Executive Summary (1 per TA):** Sep 10, 2018

**Contact:**
- [Nominations for DSSG 2020-2021 accepted through December 2018](http://dssg.ida.org/nominations.html)

**Selection Process:**
- Nominations from senior leaders within major universities and from DSSG mentors, advisors, alumni, and current members
- Selection is based on academic excellence, breadth of interests, references, consideration of discipline, and geographic distribution

**Application Process:**
- Each group meets for two years for approximately 20 days per year, divided into two week-long sessions each summer and two three-day sessions each academic year.
- During these 8 sessions, members focus on defense policy, related research and development, and the systems, missions, and operations of the armed forces and the intelligence community.
- Members interact with top-level officials from the Defense Department, as well as senior officials of other government organizations such as the Department of Energy, various intelligence agencies, and Congress.
- Alumni offers continuing opportunities for involvement in areas of national security, e.g., advisors, consultants, members of boards, study groups, and task forces for organizations that address technological development of national importance.

**Topic Areas (TAs) of Interest:**
- **Systems:**
  - On-orbit Servicing, Assembly, and Manufacturing Technologies
  - Dynamic Network Modeling for Electronic Warfare
  - Health Monitoring of High Speed Propulsion Systems
  - Predictive Vision
  - Antenna and Infrared Fabrication Technologies
  - Compact Planar Ultra-broadband Array Antenna
  - Non-foster Circuit Synthesis
  - Integrated Analog Photonics
  - Learning to Become Skilled at Tasks
  - Predictive Vision
  - Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight
  - Health Monitoring of High Speed Propulsion Systems
  - Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing

- **Manufacturing:**
  - Integrating Infrared Devices on Substrates with Low Dislocation Densities Using Low-Cost Fabrication Technologies
  - Compact Planar Ultra-broadband Array Antenna
  - Non-foster Circuit Synthesis
  - Integrated Analog Photonics
  - Learning to Become Skilled at Tasks
  - Predictive Vision
  - Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight
  - Health Monitoring of High Speed Propulsion Systems
  - Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing

- **Circuits, Devices & Materials:**
  - New Materials for Efficient Nonlinear Circuits, Devices & Materials
  - Multi-Functional Materials for Additive Manufacturing
  - Integrating infrared Devices on Substrates with Low Dislocation Densities Using Low-Cost Fabrication Technologies
  - Compact Planar Ultra-broadband Array Antenna
  - Non-foster Circuit Synthesis
  - Integrated Analog Photonics
  - Learning to Become Skilled at Tasks
  - Predictive Vision
  - Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight
  - Health Monitoring of High Speed Propulsion Systems
  - Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing

- **Integrated Photonics:**
  - New Materials for Efficient Nonlinear Circuits, Devices & Materials
  - Multi-Functional Materials for Additive Manufacturing
  - Integrating infrared Devices on Substrates with Low Dislocation Densities Using Low-Cost Fabrication Technologies
  - Compact Planar Ultra-broadband Array Antenna
  - Non-foster Circuit Synthesis
  - Integrated Analog Photonics
  - Learning to Become Skilled at Tasks
  - Predictive Vision
  - Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight
  - Health Monitoring of High Speed Propulsion Systems
  - Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing

- **Manufacturing:**
  - Integrating Infrared Devices on Substrates with Low Dislocation Densities Using Low-Cost Fabrication Technologies
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| Dept. of Defense (DOD)           | Office of Naval Research (ONR)                    | Young Investigator Program. Research areas (as described in the ONR Science and Technology (S&T) section of ONR's website at www.onr.navy.mil) which are of interest to ONR Program Officers. Naval Science and Technology (S&T) Strategy released in February 2015 has nine science and technology focus areas as follows:  
- Assure Access to Maritime Battlespace  
- Autonomy and Unmanned Systems  
- Electromagnetic Maneuver Warfare  
- Expeditionary and Irregular Warfare  
- Information Dominance - Cyber  
- Platform Design and Survivability  
- Power and Energy  
- Power Projection and Integrated Defense  
- Warfighter Performance | U.S. citizen, national, or permanent resident (on the date proposals are due)  
- Holding a first or second full-time tenure-track or tenure-track-equivalent faculty position  
- Received his/her PhD or equivalent degree on or after 01 January 2011  
- (Note: Many early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization) | Base Period: up to $50,000/yr for 2 years  
Option Period: up to $250,000 for 1 additional year | http://awards.cies.org/  
http://www.epa.gov/research-discovery-opportunities/Research/HP.aspx | 7/5/18 | 480114-18-1-F009 |
| Dept. of Energy (DOE)            | Office of Science                                 | Early Career Research Program. Research in the disciplines supported by the DOE Office of Science:  
- Advanced Scientific Computing Research (ASCR)  
- Biological and Environmental Research (BER)  
- Basic Energy Sciences (BES)  
- Fusion Energy Sciences (FES)  
- High Energy Physics (HEP)  
- Nuclear Physics (NP) | A U.S. citizen or permanent resident for a U.S. citizen or permanent resident who is a junior faculty member (or equivalent title) at an institution in the U.S., its territories, or possessions.  
- Less than 8 years from the Ph.D. degree (or equivalent degree)  
- Hold a doctoral degree in a field related to the research being solicited by the closing date of the RFA  
- Underwent at the closing date of the RFA  
- The award date, be employed in a tenure-track position (or tenure-track-equivalent position) as an assistant professor (or equivalent title) at an institution in the U.S.  
- U.S. citizen, national, or permanent resident (on the date proposals are due)  
- No more than 10 years between the year the PhD was awarded and the year of the FOA was issued (e.g., for 2018 deadline, PhD must have been granted no earlier than 2008)  
- (May submit an application in only 3 competitions)  
- Phs with early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization | $750,000 over 5 years | http://science.energy.gov/early-career | Jan 25, 2018 (Preproposal)  
| Dept. of State (STATE)           | Fulbright Scholar Programs                        | Fulbright Early Career and Postdoctoral Scholar Awards  
[Note: Many early career scholars may be eligible for traditional CORE awards as well.]  
- In addition to their primary research or teaching activities, grantees may be asked to give public talks, mentor students, and otherwise engage with the host country academic community. | U.S. citizen at time of application  
- PhD or equivalent professional/terminal degree (including a master’s degree, depending on the field) as appropriate  
- Completed doctoral degree within 5 previous years | Grant lengths vary - see specific description for host country/region in Catalog of Awards | http://www.cie.org/program/grant-opportunities | Aug 1, annually | https://awards.cies.org/ | 2/1/2018 |
| Environmental Protection Agency (EPA) | Science to Achieve Results (STAR) Program | Early Career portion of current RFAs  
EPA supports research in the areas of:  
- Air  
- Climate Change  
- Ecosystems  
- Health  
- Safer Chemicals  
- Sustainability  
- Water | Hold a doctoral degree in a field related to the research being solicited by the closing date of the RFA  
- Underwent at the closing date of the RFA  
- The award date, be employed in a tenure-track position (or tenure-track-equivalent position) as an assistant professor (or equivalent title) at an institution in the U.S., its territories, or possessions  
- May submit an application in only 3 competitions  
- (Note: Many early career awards from other agencies or entities are eligible, but the proposed research must have a scope different from that already funded by the other organization) | Varies – check specific program | http://www.epa.gov/research-grants/research-funding-opportunities | Varies – check specific program | Varies |
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<td>National Aeronautics and Space Administration (NASA)</td>
<td>NASA Headquarters</td>
<td>ROSES 2018: Heliophysics - Early Career Investigator Program</td>
<td>Research must be relevant to the goals and objectives of the Heliophysics division: The four high level science goals from the Heliophysics Decadal survey (Solar and Space Physics); A Science for a Technological Society: 1. Determine the origins of the Sun’s activity and predict the variations in the space environment; 2. Determine the dynamics and coupling of Earth’s magnetosphere, ionosphere, and atmosphere and their response to solar and terrestrial inputs; 3. Determine the interaction of the Sun with the Solar System and the interstellar medium; 4. Discover and characterize fundamental processes that occur both within the heliosphere and throughout the universe.</td>
<td>Ph.D. conferal date on or after January 1, 2008 (but see also #1, below) AND By the time of initially receiving funding of the award: 1. Be employed at a U.S. institution 2. Be in a tenure-track or non-tenure-track position in either teaching or research or both — Research faculty are eligible; — Those in temporary positions with a fixed end-date (like post-doctoral fellowships or other term-limited positions) are not eligible, unless they are actively in transition to a permanent position by the time of receiving funding 3. Despite being more than ten years beyond the receipt of their Ph.D. degrees, individuals who have interrupted their careers for reasons such as family leave or serious health problems may also be eligible. These applicants should make a written request to the point of contact in Section 6, below, prior to the Step-1 due date to propose. NASA will provide a written response within three weeks. 4. Not hold or have held academic tenure (or equivalent at an academic institution) 5. Not be a current or former recipient of the Presidential Early Career Award for Scientists and Engineers (PECASE) award.</td>
<td>$125K/year — $175K/year for up to five years in duration</td>
<td>2/15/2018</td>
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<td>National Aeronautics and Space Administration (NASA)</td>
<td>Science Mission Directorate</td>
<td>New (Early Career) Investigator Program in Earth Science</td>
<td>Supports innovative research initiatives and cultivates scientific leadership in Earth system science. Particular emphasis on the investigator’s ability to promote and increase the use of space-based remote sensing through the proposed research.</td>
<td>Recent PhD recipient, i.e., graduated on or after January 1 of the year that is more than 5 years before the issuance date of the ROSES NRA in tenure- or nontenure-track position in either teaching or research or both; Not hold or have held tenure (or equivalent) or before the submission deadline of this program; Not a current or former recipient of the NIP or PECASE award.</td>
<td>$80,000 - $90,000/year for up to 5 years</td>
<td>2/17/2017</td>
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<td>National Aeronautics and Space Administration (NASA)</td>
<td>Science Mission Directorate</td>
<td>ROSES Technology Fellowship in Astrophysics</td>
<td>Provides early career researchers the opportunity to develop: • skills necessary to lead astrophysics flight instrumentation development projects and become principal investigators (PIs) of future astrophysics missions; • innovative technologies that have the potential to enable major scientific breakthroughs</td>
<td>Recent PhD recipient, i.e., graduated on or after January 1 of the year that is more than 8 years before the issuance date of the ROSES NRA in tenure- or nontenure-track position in either teaching or research or both; Not hold or have held tenure (or equivalent) or before the submission deadline of this program; Not a current or former recipient of the NIP or PECASE award.</td>
<td>Amount and award periods vary with structured sequence of award phases: Concept Study, Development Phase, and Start-up funds. (See RFP for details)</td>
<td>2/17/2017</td>
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<td>National Aeronautics and Space Administration (NASA)</td>
<td>Space Technology Mission Directorate</td>
<td>Space Technology Research Grants Program - Early Career Faculty</td>
<td>Proposes to develop unique, disruptive, or transformational space technologies that have the potential to lead to dramatic improvements at the system level — performance, weight, cost, reliability, operational simplicity, or other figures of merit associated with space flight hardware or missions.</td>
<td>Recent PhD recipient, i.e., graduated on or after January 1 of the year that is more than 8 years before the issuance date of the ROSES NRA in tenure- or nontenure-track position in either teaching or research or both; Not hold or have held tenure (or equivalent) or before the submission deadline of this program; Not a current or former recipient of the NIP or PECASE award.</td>
<td>$200,000/year for up to 3 years</td>
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<td>National Geospatial-</td>
<td>NGA New Investigator Program</td>
<td>Grants for Research in Mathematics</td>
<td>Supports outstanding university faculty members to conduct innovative, high payoff research that provides the basis for revolutionary progress in areas of science and technology affecting the needs and mission of NGA. Also supports the National System for Geospatial Intelligence, which is the combination of technology, systems and organizations that gather, produce, distribute, and consume geospatial data and information. End result is aimed at advancing GEOINT capabilities by improving analytical methods, enhancing and expanding systems capabilities, and leveraging resources for NGA, DOD and the IC.</td>
<td>U.S. citizen, U.S. national, or permanent U.S. resident, NGA faculty positions at U.S. university and college. NGA holds doctorate degree (PhD or equivalent) for less than 5 years at the time of application. NGA supports the National System for Geospatial Intelligence, which is the combination of technology, systems and organizations that gather, produce, distribute, and consume geospatial data and information. End result is aimed at advancing GEOINT capabilities by improving analytical methods, enhancing and expanding systems capabilities, and leveraging resources for NGA, DOD and the IC.</td>
<td>$500,000/yr for 2 years  Up to one-year option valued at $100,000</td>
<td><a href="https://www.nsa.gov/what-we-do/research/math-sciences-programs.aspx">https://www.nsa.gov/what-we-do/research/math-sciences-programs.aspx</a></td>
<td>3/27/2018</td>
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<td>Intelligence Agency (NGA)</td>
<td>NGA Academic Research Program</td>
<td>Grant for Research in Mathematics</td>
<td>Does not support crytology research</td>
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<td>National Institutes of Health</td>
<td>See NIH LIST for details</td>
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<td>National Security</td>
<td>Mathematical Sciences Program</td>
<td>Grants for Research in Mathematics</td>
<td>Supports outstanding university faculty members to conduct innovative, high payoff research that provides the basis for revolutionary progress in areas of science and technology affecting the needs and mission of NGA. Also supports the National System for Geospatial Intelligence, which is the combination of technology, systems and organizations that gather, produce, distribute, and consume geospatial data and information. End result is aimed at advancing GEOINT capabilities by improving analytical methods, enhancing and expanding systems capabilities, and leveraging resources for NGA, DOD and the IC.</td>
<td>NGA faculty positions at U.S. university and college. NGA holds doctorate degree (PhD or equivalent) for less than 5 years at the time of application. NGA supports the National System for Geospatial Intelligence, which is the combination of technology, systems and organizations that gather, produce, distribute, and consume geospatial data and information. End result is aimed at advancing GEOINT capabilities by improving analytical methods, enhancing and expanding systems capabilities, and leveraging resources for NGA, DOD and the IC.</td>
<td>$20,000/yr for 2 years</td>
<td><a href="https://www.nsa.gov/what-we-do/research/math-sciences-programs.aspx">https://www.nsa.gov/what-we-do/research/math-sciences-programs.aspx</a></td>
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<td>Security Foundation (NSF)</td>
<td>Cross-cutting</td>
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**Eligibility:**
- Must submit proposal in only 3 competitions
- By the Directorate’s deadline for submission:
  - With a doctoral degree in a field supported by NSF
  - Be engaged in research in an area of science, engineering, or education supported by NSF
- As of October 1st following the deadline for submission:
  - Be employed in a tenure-track (or tenure-track-equivalent) position as an assistant professor (or equivalent title)
  - Be untenured
  - Have not previously received an NSF CAREER award
- Prior or concurrent Federal support for other types of awards or for non-duplicative research does not preclude eligibility.

**Award Duration & Amount:**
- 3 years
- #000 plus $100,000/yr for 2 years
- Up to one-year option valued at $100,000

**Program URL or Contact:**
- [NSF CAREER Program](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214)
- [NSF CAREER Program](https://www.nsa.gov/what-we-do/research/math-sciences-programs.aspx)
- [NSF CAREER Program](https://www.nga.mil/Partners/ResearchProgram.aspx)
- [NARP Grants](https://www.nsa.gov/what-we-do/research/math-sciences-programs.aspx)
- [NGA New Investigator Program](https://www.nsa.gov/what-we-do/research/math-sciences-programs.aspx)

**Release Date:**
- 3/27/2018
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<th>SPONSOR</th>
<th>SPONSOR SUBUNIT</th>
<th>PROGRAM NAME</th>
<th>TOPIC AREA / PROGRAM GOAL</th>
<th>ELIGIBILITY</th>
<th>AWARD DURATION &amp; AMOUNT</th>
<th>PROGRAM URL OR CONTACT</th>
<th>MOST CURRENT DEADLINE</th>
<th>MOST CURRENT FOA OR GUIDELINES</th>
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<tr>
<td>National Science Foundation (NSF)</td>
<td>Directorate for Computer and Information Science and Engineering (CISE)</td>
<td>Computer and Information Science Research Initiation Initiative (CRII)</td>
<td>Encourages potentially transformative proposals in any area of CISE research from PIs who are in their first academic position post-Ph.D.</td>
<td>May submit proposal in only 2 competitions: May not submit a CRII proposal in the same calendar year in which a CAREER proposal is submitted. As of the submission deadline: Hold a primary appointment (or if applying to the CISE Office of Advanced Cyberinfrastructure, hold a full- or part-time appointment) in computer and/or information science and/or engineering, or in a related field of computational or data science (where the PI would normally submit proposals to CISE programs); Be untenured; Be in the first 3 years of a tenure-track or research science or education position (or equivalent); Have not received any other grants or contracts in the PI role from any department, agency, or institution of the federal government EXCEPT: Workshop or student conference travel awards; Doctoral dissertation improvement grants; Postdoctoral research fellowship awards; A Graduate Research Fellowship or similar fellowship award from NSF; REU or RET awards; SBIR or STTR awards that were received while the PI worked in industry.</td>
<td>Up to $175,000 total costs for up to 24 months</td>
<td><a href="https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504952">https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504952</a></td>
<td>Aug 08, 2018</td>
<td><a href="https://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=504952&amp;ods_key=nsf18554">https://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=504952&amp;ods_key=nsf18554</a></td>
<td>3/20/2018</td>
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<td>Nuclear Regulatory Commission (NRC)</td>
<td>Nuclear Education Program</td>
<td>Faculty Development Grant See: U.S. Nuclear Regulatory Commission Funding Opportunity Announcement (FOA), Scholarship and Fellowship Education Grant, Faculty Development Grant, and Trade School and Community College Scholarship Grant, Fiscal Year (FY) 2019 (FOA 2131002123002)</td>
<td>Support for new faculty in the nuclear-related fields of Nuclear, Mechanical, Civil, Environmental, Electrical, Fire Protection, and Materials Sciences Engineering or Health Physics.</td>
<td>Untenured, tenure-track faculty in the first 6 years of their career; U.S. citizen, national, or permanent resident; Eligibility of PIs with early career awards from other agencies or entities is not addressed in FOA.</td>
<td>Base award is $300,000 over 5 years. Can include support for: Developing proposals for research and small amounts for initiating or continuing research projects in responsive areas of expertise resource development equipment stipends; Participation in professional society meetings; Preparation of papers; Travel and associated expenses</td>
<td><a href="https://www.nrc.gov/staff/frt/contract/funds.html">https://www.nrc.gov/staff/frt/contract/funds.html</a></td>
<td>Feb 30, 2018</td>
<td><a href="https://egrants.nrc.gov/webgrants/search/grants.htm?keyeventid=1111051883900">https://egrants.nrc.gov/webgrants/search/grants.htm?keyeventid=1111051883900</a></td>
<td>9/30/2018</td>
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